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DATE: February 4, 2004

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Commissioner for Patents

FAX: 703-872-9306

FROM:

Sonali S. Srivastava

Reg. No. 52,248

Smy s. S.

Please see attached Transmittal Form for the following Patent:

Application No.

10/605,117

Filing Date

09/09/2003

Inventor

James D. Zimmerlee

Attorney Docket No.:

069842-0004

Entity

Small

Examiner

Unknown

Art Unit

3671

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TRANSMITTAL FORM  (to be used for all correspondence after initial filing)  Total Number of Pages in This Submission  ENCL	U.S. Patent at a regulared to respond to a collection of Application Number 10  Filing Date 0s  First Named Inventor Ja  Art Unit 36  Examiner Name Ur	nd Tredemark Office; U.S. at information unless it distributed in unles	wanue communication logy Center (TC)
Amendment/Reply  After Final  Affidavits/declaration(s)  Extension of Time Request  Express Abandonment Request	Cleensing-related Papers Petition Petition to Convert to a Provisional Application Cover of Attorney, Revocation Change of Correspondence Address Ferminal Disclaimer Request for Refund CD, Number of CD(s) ks	of Appeal Appeal C (Appeal No Proprieta)  Status Le	dosure(s) (please
SIGNATURE O	F APPLICANT, ATTORNEY	, OR AGENT	
Firm or Individual name Sonali S. Srivastava Signature 2/4/04	J		
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#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

# OFFICIAL

#### INFORMATION DISCLOSURE STATEMENT

Applicant:

James D. Zimmerlee

Serial No.:

10/605,117

For: Filed:

PIER SYSTEM AND METHOD OF CONSTRUCTION

September 9, 2003

Commissioner for Patents

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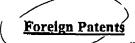
(Signature of person mailing

Dear Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97, and 1.98, the Applicant submits this Information Disclosure Statement with the following patents for consideration:

#### U.S. Patents

	Issue/Publication	
<u>Patent</u>	<u>Date</u>	<u>Inventor</u>
6,449,791 B1	09/17/2002	Vodicka, Dennis A.
4,282,619	08/11/1981	Rooney, Craig E.
4,640,379	03/03/1987	Muller, Jean M.
6,381,793	05/07/2002	Doyle, John J. et al.
6,170,105	01/09/2001	Doyle, John J. et al.
5,755,981	05/26/1998	Payne, Jim H.
5,570,486	11/05/1996	Wiedeck, Hans Norbert
5,048,640	09/17/1991	McConville, James J.
4,450,121	05/22/1984	Bequette, Noah L.
4,309,125	01/05/1982	Richardson, George S.
09/829,269	04/18/2002	Sturm, Albert J., Jr.



1	ssue/Publication	
Patent	<u>Date</u>	Inventor
JP 9-281269/A	10/31/1997	Yamakawa, Toshi
EP 00420065	10/18/2000	Master K
00164936/EP B1	04/15/1992	Parramore et al.
JP 10320353	05/25/2000	PS Corp.
JP 10147006	12/07/1999	Taisei Corp.
JP 08043180	09/09/1997	Japan Steel
JP 07191118	01/14/1997	Kawasaki Heavy
JP 07197858	01/14/1997	Tsuchie Mamoru

#### **Non-Patent Documents**

- JACOBS, G.W., Improvement of the Suspension Monorail in Wuppertal Germany, Prakitiker, Sept. 2002, pp. 316-318, Germany.
- ZAHN, F.A.; FONTANA, M., Innovative Composite Construction, Schweiz, Ing. Archit.,
   June 15, 1995, pp. 4-11, Jauslin & Stebler Ingenieure; ETH Honggerberg, Switzerland.
- NO AUTHOR, Body Structure Thing, Titanium Light Steel Board, The First Adoption, Zairyo To Kankyo, July 15, 1999, p. 457, Vol. 48 No. 7, Japan.
- YAMAGUCHI, Y.; TOMITA, M.; NISHIDA, T.; SAKAI, H., Design of the Okuyama Bridge, Puresutoresuto Konku, March 31, 1997, pp. 85-92, Vol. 39 No. 2, Hanshin Expressway Pub, Japan.
- ALTABBA, BASHAR, Re-creating the Rainbow Bridge, Civil Engineering, 2000, pp. 32-37,
   Vol. 70 No. 5, HNTB, Boston, MA.
- MILKOVICH, SCOTT; HARIK, ISSAM E.; BRAILSFORD, BRUCE, Composite Materials for Bridges, Construction Specifier, May 1996, pp. 102-106, Vol. 49 No. 5, USA.
- GUDMESTAD, O.T.; WARLAND, T.A., Optimum Use of Concrete Structures et al., Proc. Int. Meet. Pet. Eng., 1992, pp. 457-470, Soc. of Petroleum Engineers of AIME, Richardson, TX.
- ANON, Prestressed Concrete Beams for the New Teifi Bridge, Concrete Plant and Production, May 1991, pp. 175-76.

- NO AUTHOR, Building Tougher Bridges, Metal Bulletin Monthly, Aug. 2002, p. 61, United Kingdom.
- BLACK, S., A Survey of Composite Bridges, Composites Technology, Mar.-Apr. 2000, pp. 14-18, USA.
- NO AUTHOR, Composite Bridge Construction Increases, Adv. Compos. Bull., Mar. 1995, pp. 6-7, United Kingdom.
- NO AUTHOR, Composite Road Bridge, Adv. Comp. Bulletin, Sept. 1997, p. 8, United Kingdom.

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Substitute for form 1448/PTQ

Sheet 1

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/605,117			
Filing Date	09/09/2003			
First Named Inventor	James D. Zimmerlee			
Art Unit	3671			
Examiner Name	Unknown			
Attorney Docket Number	069842-0004			

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
iniliala*	No.1	Number-Kind Code <sup>2</sup> (FAtourn)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		<sup>US-</sup> 6,449,791 B1	09/17/2002	Vodicka, Dennis A.	
		<sup>US-</sup> 4,282,619	08/11/1981	Rooney, Craig E.	
		<sup>US-</sup> 4,646,379	03/03/1987	Muller, Jean M.	
		<sup>US-</sup> 6,381,793	05/07/2002	Doyle, John J. et al	
		<sup>US-</sup> 6,170,105	01/09/2001	Doyle, John J. et al	
		<sup>US-</sup> 5,755,981	05/26/1998	Payne, Jlm H.	
		<sup>US-</sup> 5,570,486	11/05/1996	Wiedeck, HansNorbert	
		<sup>US-</sup> 5,048,640	09/17/1991	McConville, James J.	
		<sup>US-</sup> 4,450,121	05/22/1984	Bequette, Noah L.	
		<sup>US-</sup> 4,309,125	01/05/1982	Richardson, George S	
,		<sup>US-</sup> 09/829,269	04/18/2002	Sturm, Albert J., Jr	
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	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	П	
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>8</sup> (# known)	MM-DD-YYYY	TAPACATO O COLO DO COLO DE COL	Or Relevant Figures Appear	T <sup>6</sup>	
J		JP 9-281269/A	10/31/1997	Yamakawa, Toshi		V	
<b>y</b>		EP 00420065	10/18/2000	Master K		V	
<b>✓</b>		00164936/EP B1	04/15/1992	Parramore et al		V	
7		JP 10320353	05/26/2000	PS Corp.		7	
1		JP 10147006	12/07/1999	Taisei Corp.		V	
1		JP 08043180	09/09/1997	Japan Steel		V	

Examiner
Signature
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO

#### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/605,117			
Filing Date	09/09/2003			
First Named Inventor	James D. Zimmerlee			
Art Unit	3671			
Examiner Name	Unknown			
Attorney Docket Number	069842-0004			

Examiner	Cite	Danier and Alice barr	U. S. PATENT DO		
nitials*	No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2 (F Anaum)</sup>			Figures Appear
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		FORE	IGN PATENT DOCU	JMENTS		
Examiner Initials"	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (# known)	MM-DD-YYYY			T <sup>0</sup>
		JP 07191118	01/14/1997	Kawasaki Heavy		V
		JP 07197858	01/14/1997	Tsuchie Mamoru		V
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Examiner		Date	
Signature		Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809, Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the sental number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. Applicant is to place a check mark here if English language

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated by take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Complete If Known Substitute for form 1449/PTQ **Application Number** 10/605,117 INFORMATION DISCLOSURE Filing Date 09/09/2003 STATEMENT BY APPLICANT First Named Inventor James D. Zimmerlee Art Unit 3671 (Use as many sheets as necessary) **Examiner Name** Unknown Sheet Attorney Docket Number 3 4 of 069842-0004

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
. √		JACOBS, G.W., Improvement of the Suspension Monorail in Wuppertal Germany, Prakitiker, Sept. 2002, pp. 316-318, Germany.	~
,		ZAHN, F.A.; FONTANA, M., Innovative Composite Construction, Schweiz, Ing. Archit., June 15, 1995, pp. 4-11, Jauslin & Stebler Ingenieure; ETH Honggerberg, Switzerland.	V
1		NO AUTHOR, Body Structure Thing, Titaniumcrud Light Steel Board, The First Adoption, Zairyo To Kankyo, July 15, 1999, p. 457, Vol. 48 No. 7, Japan.	~
J		YAMAGUCHI, Y.; TOMITA, M.; NISHIDA, T.; SAKAI, H., Design of the Okuyama Bridge, Puresutoresuto Konku, March 31, 1997, pp. 85-92, Vol. 39 No. 2, Hanshin Expressway Pub, Japan.	~
1		ALTABBA, BASHAR, Re-creating the Rainbow Bridge, Civil Engineering, 2000, pp. 32-37, Vol. 70 No. 5, HNTB, Boston, MA.	V
1		MILKOVICH, SCOTT; HARIK, ISSAM E.; BRAILSFORD, BRUCE, Composite Materials for Bridges, Construction Specifier, May 1996, pp. 102-106, Vol. 49 No. 5, USA.	~
1		GUDMESTAD, O.T.; WARLAND, T.A., Optimum Use of Concrete Structures et al., Proc. Int. Meet. Pet. Eng., 1992, pp. 457-470, Soc. of Petroleum Engineers of AIME, Richardson, TX.	V
j		ANON, Prestressed Concrete Beams for the New Teifi Bridge, Concrete Plant and Production, May 1991, pp. 175-76.	V
/		NO AUTHOR, Building Tougher Bridges, Metal Bulletin Monthly, Aug. 2002, p. 61, United Kingdom.	V
/		BLACK, S., A Survey of Composite Bridges, Composites Technology, MarApr. 2000, pp. 14-18, USA.	~
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Examiner	Date	
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Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
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PTO/68/088 (08-03) Approved for use through i)7/31/2006, OMB 0851-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Complete If Known R Substitute for farm 1449/PTO **Application Number** 10/605,117 INFORMATION DISCLOSURE Filing Date 09/09/2003 STATEMENT BY APPLICANT First Named Inventor James D. Zimmerlee Art Unit 3671 (Use as many sheets as necessary) **Examiner Name** Unknown Sheet Attorney Docket Number 4 of. 069842-0004

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
1		NO AUTHOR, Composite Bridge Construction Increases, Adv. Compos. Bull., Mar. 1995, pp. 6-7, United Kingdom.	v
/		NO AUTHOR, Composite Road Bridge, Adv. Comp. Bulletin, Sept. 1997, p. 8, United Kingdom.	٧
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (epitional). 2 Applicant is to place a check mark here if English tanguage Translation is: attached.

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Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**2**030

Applicant requests the Examiner to return a copy of the initialized Information Disclosure Statement with the forthcoming Office Action.

Respectfully Submitted, JAMES D. ZIMMERLEE

By: LaFollette Godfrey & Kalın

Sonali S. Srivastava

Registration No. 52,248

Attorney of Record for the Applicant

### POST OFFICE ADDRESS:

LA FOLLETTE GODFREY & KAHN One East Main Street, Suite 500 Post Office Box 2719 Madison, Wisconsin 53701-2719 (608) 257-3911

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